

# CLAIMS ONLY

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SERIAL NO.

09727120

FILING DATE

02/07/01

APPLICANT(S)

## CLAIMS

|                 | AS FILED |      | AFTER<br>1st AMENDMENT |      | AFTER<br>2nd AMENDMENT |      |
|-----------------|----------|------|------------------------|------|------------------------|------|
|                 | IND.     | DEP. | IND.                   | DEP. | IND.                   | DEP. |
| 1               | 1        |      |                        |      |                        |      |
| 2               |          |      |                        |      |                        |      |
| 3               |          |      |                        |      |                        |      |
| 4               |          |      |                        |      |                        |      |
| 5               |          |      |                        |      |                        |      |
| 6               |          |      |                        |      |                        |      |
| 7               |          |      |                        |      |                        |      |
| 8               |          |      |                        |      |                        |      |
| 9               |          |      |                        |      |                        |      |
| 10              |          |      |                        |      |                        |      |
| 11              |          |      |                        |      |                        |      |
| 12              |          |      |                        |      |                        |      |
| 13              |          |      |                        |      |                        |      |
| 14              |          |      |                        |      |                        |      |
| 15              |          |      |                        |      |                        |      |
| 16              |          |      |                        |      |                        |      |
| 17              |          |      |                        |      |                        |      |
| 18              |          |      |                        |      |                        |      |
| 19              |          |      |                        |      |                        |      |
| 20              |          |      |                        |      |                        |      |
| 21              |          |      |                        |      |                        |      |
| 22              |          |      |                        |      |                        |      |
| 23              |          |      |                        |      |                        |      |
| 24              |          |      |                        |      |                        |      |
| 25              |          |      |                        |      |                        |      |
| 26              |          |      |                        |      |                        |      |
| 27              |          |      |                        |      |                        |      |
| 28              |          |      |                        |      |                        |      |
| 29              |          |      |                        |      |                        |      |
| 30              |          |      |                        |      |                        |      |
| 31              |          |      |                        |      |                        |      |
| 32              |          |      |                        |      |                        |      |
| 33              |          |      |                        |      |                        |      |
| 34              |          |      |                        |      |                        |      |
| 35              |          |      |                        |      |                        |      |
| 36              |          |      |                        |      |                        |      |
| 37              |          |      |                        |      |                        |      |
| 38              |          |      |                        |      |                        |      |
| 39              |          |      |                        |      |                        |      |
| 40              |          |      |                        |      |                        |      |
| 41              |          |      |                        |      |                        |      |
| 42              |          |      |                        |      |                        |      |
| 43              |          |      |                        |      |                        |      |
| 44              |          |      |                        |      |                        |      |
| 45              |          |      |                        |      |                        |      |
| 46              |          |      |                        |      |                        |      |
| 47              |          |      |                        |      |                        |      |
| 48              |          |      |                        |      |                        |      |
| 49              |          |      |                        |      |                        |      |
| 50              |          |      |                        |      |                        |      |
| TOTAL<br>IND.   | 7        |      |                        |      |                        |      |
| TOTAL<br>DEP.   | 54       |      |                        |      |                        |      |
| TOTAL<br>CLAIMS | 61       |      |                        |      |                        |      |

|                 | As Filed |      | A    |      | B    |      |
|-----------------|----------|------|------|------|------|------|
|                 | IND.     | DEP. | IND. | DEP. | IND. | DEP. |
| 51              | 1        |      | ✓    |      | ✓    |      |
| 52              |          |      |      | ✓    |      | ✓    |
| 53              |          |      |      | ✓    |      | ✓    |
| 54              |          |      |      | ✓    |      | ✓    |
| 55              |          |      |      | ✓    |      | ✓    |
| 56              |          |      |      | ✓    |      | ✓    |
| 57              |          |      |      | ✓    |      | ✓    |
| 58              |          |      |      | ✓    |      | ✓    |
| 59              |          |      |      | ✓    |      | ✓    |
| 60              |          |      |      | ✓    |      | ✓    |
| 61              |          |      |      | ✓    |      | ✓    |
| 62              |          |      |      |      | ✓    |      |
| 63              |          |      |      |      |      | ✓    |
| 64              |          |      |      |      |      | ✓    |
| 65              |          |      |      |      |      | ✓    |
| 66              |          |      |      |      |      | ✓    |
| 67              |          |      |      |      |      | ✓    |
| 68              |          |      |      |      |      | ✓    |
| 69              |          |      |      |      |      | ✓    |
| 70              |          |      |      |      |      | ✓    |
| 71              |          |      |      |      |      | ✓    |
| 72              |          |      |      |      |      | ✓    |
| 73              |          |      |      |      |      |      |
| 74              |          |      |      |      |      |      |
| 75              |          |      |      |      |      |      |
| 76              |          |      |      |      |      |      |
| 77              |          |      |      |      |      |      |
| 78              |          |      |      |      |      |      |
| 79              |          |      |      |      |      |      |
| 80              |          |      |      |      |      |      |
| 81              |          |      |      |      |      |      |
| 82              |          |      |      |      |      |      |
| 83              |          |      |      |      |      |      |
| 84              |          |      |      |      |      |      |
| 85              |          |      |      |      |      |      |
| 86              |          |      |      |      |      |      |
| 87              |          |      |      |      |      |      |
| 88              |          |      |      |      |      |      |
| 89              |          |      |      |      |      |      |
| 90              |          |      |      |      |      |      |
| 91              |          |      |      |      |      |      |
| 92              |          |      |      |      |      |      |
| 93              |          |      |      |      |      |      |
| 94              |          |      |      |      |      |      |
| 95              |          |      |      |      |      |      |
| 96              |          |      |      |      |      |      |
| 97              |          |      |      |      |      |      |
| 98              |          |      |      |      |      |      |
| 99              |          |      |      |      |      |      |
| 100             |          |      |      |      |      |      |
| TOTAL<br>IND.   | 7        |      | 1    |      | 2    |      |
| TOTAL<br>DEP.   | 54       |      | 10   |      | 20   |      |
| TOTAL<br>CLAIMS | 61       |      | 11   |      | 22   |      |

\* MAY BE USED FOR ADDITIONAL CLAIMS OR AMENDMENTS

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

FORM PTO-3022 (1-88)

U.S. GPO: 1998-43-54350-1-2

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| CLAIMS ONLY |       |        |           |        |           |        | Application Number<br><b>09 777 120</b>                         |        | Filing Date<br><b>2/5/01</b> |        |        |        |
|-------------|-------|--------|-----------|--------|-----------|--------|---|--------|------------------------------|--------|--------|--------|
|             |       |        |           |        |           |        | Applicant(s)  |        |                              |        |        |        |
|             |       |        |           |        |           |        | * May be used for additional claims or amendments <b>4-7-05</b> |        |                              |        |        |        |
| CLAIMS      |       |        | AMENDMENT |        | AMENDMENT |        | Amdt C  |        | Amdt D                       |        | Amdt E |        |
|             | Indep | Depend | Indep     | Depend | Indep     | Depend | Indep   | Depend | Indep                        | Depend | Indep  | Depend |
| 1           |       |        |           |        |           |        |   |        |                              |        |        |        |
| 2           |       |        |           |        |           |        |   |        |                              |        |        |        |
| 3           |       |        |           |        |           |        |   |        |                              |        |        |        |
| 4           |       |        |           |        |           |        |   |        |                              |        |        |        |
| 5           |       |        |           |        |           |        |   |        |                              |        |        |        |
| 6           |       |        |           |        |           |        |   |        |                              |        |        |        |
| 7           |       |        |           |        |           |        |   |        |                              |        |        |        |
| 8           |       |        |           |        |           |        |   |        |                              |        |        |        |
| 9           |       |        |           |        |           |        |   |        |                              |        |        |        |
| 10          |       |        |           |        |           |        |   |        |                              |        |        |        |
| 11          |       |        |           |        |           |        |   |        |                              |        |        |        |
| 12          |       |        |           |        |           |        |   |        |                              |        |        |        |
| 13          |       |        |           |        |           |        |   |        |                              |        |        |        |
| 14          |       |        |           |        |           |        |   |        |                              |        |        |        |
| 15          |       |        |           |        |           |        |   |        |                              |        |        |        |
| 16          |       |        |           |        |           |        |   |        |                              |        |        |        |
| 17          |       |        |           |        |           |        |   |        |                              |        |        |        |
| 18          |       |        |           |        |           |        |   |        |                              |        |        |        |
| 19          |       |        |           |        |           |        |   |        |                              |        |        |        |
| 20          |       |        |           |        |           |        |   |        |                              |        |        |        |
| 21          |       |        |           |        |           |        |   |        |                              |        |        |        |
| 22          |       |        |           |        |           |        |   |        |                              |        |        |        |
| 23          |       |        |           |        |           |        |   |        |                              |        |        |        |
| 24          |       |        |           |        |           |        |   |        |                              |        |        |        |
| 25          |       |        |           |        |           |        |   |        |                              |        |        |        |
| 26          |       |        |           |        |           |        |   |        |                              |        |        |        |
| 27          |       |        |           |        |           |        |   |        |                              |        |        |        |
| 28          |       |        |           |        |           |        |   |        |                              |        |        |        |
| 29          |       |        |           |        |           |        |   |        |                              |        |        |        |
| 30          |       |        |           |        |           |        |   |        |                              |        |        |        |
| 31          |       |        |           |        |           |        |   |        |                              |        |        |        |
| 32          |       |        |           |        |           |        |   |        |                              |        |        |        |
| 33          |       |        |           |        |           |        |   |        |                              |        |        |        |
| 34          |       |        |           |        |           |        |   |        |                              |        |        |        |
| 35          |       |        |           |        |           |        |   |        |                              |        |        |        |
| 36          |       |        |           |        |           |        |   |        |                              |        |        |        |
| 37          |       |        |           |        |           |        |   |        |                              |        |        |        |
| 38          |       |        |           |        |           |        |   |        |                              |        |        |        |
| 39          |       |        |           |        |           |        |   |        |                              |        |        |        |
| 40          |       |        |           |        |           |        |   |        |                              |        |        |        |
| 41          |       |        |           |        |           |        |   |        |                              |        |        |        |
| 42          |       |        |           |        |           |        |   |        |                              |        |        |        |
| 43          |       |        |           |        |           |        |   |        |                              |        |        |        |
| 44          |       |        |           |        |           |        |   |        |                              |        |        |        |
| 45          |       |        |           |        |           |        |   |        |                              |        |        |        |
| 46          |       |        |           |        |           |        |   |        |                              |        |        |        |
| 47          |       |        |           |        |           |        |   |        |                              |        |        |        |
| 48          |       |        |           |        |           |        |   |        |                              |        |        |        |
| 49          |       |        |           |        |           |        |   |        |                              |        |        |        |
| 50          |       |        |           |        |           |        |   |        |                              |        |        |        |
| Total       |       |        |           |        |           |        |   |        |                              |        |        |        |
| Indep       |       |        |           |        |           |        |   |        |                              |        |        |        |
| Depend      |       |        |           |        |           |        |   |        |                              |        |        |        |
| Total       |       |        |           |        |           |        |   |        |                              |        |        |        |
| Claims      |       |        |           |        |           |        |   |        |                              |        |        |        |

  

|        | Amdt C |        | Amdt D |        | Amdt E |        |
|--------|--------|--------|--------|--------|--------|--------|
|        | Indep  | Depend | Indep  | Depend | Indep  | Depend |
| (51)   | ✓      |        | ✓      |        | ✓      |        |
| 52     |        | ✓      |        | ✓      |        | ✓      |
| 53     |        | ✓      |        | ✓      |        | ✓      |
| 54     |        | ✓      |        | ✓      |        | ✓      |
| 55     |        | ✓      |        | ✓      |        | ✓      |
| 56     |        | ✓      |        | ✓      |        | ✓      |
| 57     |        | ✓      |        | ✓      |        | ✓      |
| 58     |        | ✓      |        | ✓      |        | ✓      |
| 59     |        | ✓      |        | ✓      |        | ✓      |
| 60     |        |        |        |        |        |        |
| 61     |        |        |        |        |        |        |
| (62)   | ✓      |        | ✓      |        | ✓      |        |
| 63     |        | ✓      |        | ✓      |        | ✓      |
| 64     |        | ✓      |        | ✓      |        | ✓      |
| 65     |        | ✓      |        | ✓      |        | ✓      |
| 66     |        | ✓      |        | ✓      |        | ✓      |
| 67     |        | ✓      |        | ✓      |        | ✓      |
| 68     |        | ✓      |        | ✓      |        | ✓      |
| 69     |        | ✓      |        | ✓      |        | ✓      |
| 70     |        | ✓      |        | ✓      |        | ✓      |
| 71     |        | ✓      |        | ✓      |        | ✓      |
| 72     |        | ✓      |        | ✓      |        | ✓      |
| 73     |        |        |        |        |        |        |
| 74     |        |        |        |        |        |        |
| 75     |        |        |        |        |        |        |
| 76     |        |        |        |        |        |        |
| 77     |        |        |        |        |        |        |
| 78     |        |        |        |        |        |        |
| 79     |        |        |        |        |        |        |
| 80     |        |        |        |        |        |        |
| 81     |        |        |        |        |        |        |
| 82     |        |        |        |        |        |        |
| 83     |        |        |        |        |        |        |
| 84     |        |        |        |        |        |        |
| 85     |        |        |        |        |        |        |
| 86     |        |        |        |        |        |        |
| 87     |        |        |        |        |        |        |
| 88     |        |        |        |        |        |        |
| 89     |        |        |        |        |        |        |
| 90     |        |        |        |        |        |        |
| 91     |        |        |        |        |        |        |
| 92     |        |        |        |        |        |        |
| 93     |        |        |        |        |        |        |
| 94     |        |        |        |        |        |        |
| 95     |        |        |        |        |        |        |
| 96     |        |        |        |        |        |        |
| 97     |        |        |        |        |        |        |
| 98     |        |        |        |        |        |        |
| 99     |        |        |        |        |        |        |
| 100    |        |        |        |        |        |        |
| Total  |        |        |        |        |        |        |
| Indep  | 2      |        | 2      |        | 2      |        |
| Total  | 18     |        | 18     |        | 18     |        |
| Depend |        |        |        |        |        |        |
| Total  | 20     |        | 20     |        | 20     |        |
| Claims |        |        |        |        |        |        |

C                      D                      E